1   <u>CLAIMS</u>

2   I claim:

3   1. A system for providing wireless, paperless medical care, comprising a server

4   running software connected to a network which provides connection for

5   communication, including transmitting and receiving information and data

6   electronically with at least one portable computer running software; the server

7   further being connected to clinical equipment for receiving data including test

8   results from the clinical equipment; thereby providing real-time point-of-care

9   laboratory testing, data capture and entry, treatment of patients, and billing.

10   2. The system of claim 1 wherein the clinical equipment is integrated with the server

11   via a universal equipment-integrating device.

12   3. The system of claim 1 wherein the portable computer software includes at least

13   one template for patient charts.

14   4. The system of claim 3, wherein the at least one template includes multiple

15   database fields from patient records.

16   5. The system of claim3, wherein the at least one template includes multiple data

17   charts.

18   6. The system of claim 5, wherein the at least one template includes a synoptic view

19   of the multiple data charts.

20   7. The system of claim 3, wherein the at least one template is an editable template.

21   8. The system of claim 3, wherein the at least one template is a customizable

22   template that helps to build office and hospital notes including discharge

23   summaries.

1   9. The system of claim 3, wherein the at least one template includes pull down lists

2   for quick selection for template items insertion into the template.

3   10. The system of claim 3, wherein the at least one template is multiple template.

4   11. The system of claim 3, wherein the at least one template is a non-formatted open

5   structure template.

6   12. The system of claim 3, wherein the at least one template builds a discharge

7   summary.

8   13. The system of claim 12, wherein the discharge summary is built from the daily

9   summaries.

10   14. The system of claim 3, wherein the at least one template includes automatic

11   integration of electronic medical records and pass through billing with code

12   linking.

13   15. The system of claim 3, wherein the at least one template includes automatic

14   importing of data from other components of the system.

15   16. The system of claim 1, wherein the portable computer includes a touch screen.

16   17. The system of claim 1, wherein the server is connected to a local area network.

17   18. The system of claim 1, wherein the server is connected to a wide area network.

18   19. The system of claim 1, wherein the server is connected to a local area network

19   and wide area network

20   20. The system of claim 1, wherein the server is a mission critical file server

21   21. The system of claim 1, wherein the server software provides security.

22   22. The system of claim 21, wherein the security includes data encryption.

23   23. The system of claim 22, wherein the encryption requires login for de-encryption.

1   24. The system of claim 21, wherein the security is biometric security.

2   25. The system of claim 21, wherein the security limits access to information input

3   and output.

4   26. The system of claim 21, wherein the access to information input and output

5   requires login.

6   27. The system of claim 1, wherein the server software provides at least one

7   formulary.

8   28. The system of claim 27, wherein the at least one formulary is a drop down

9   formulary.

10   29. The system of claim 1, wherein the server software provides diagnosis code lists.

11   30. The system of claim 1, wherein the server software provides aid with formulating

12   and assessment and treatment plan.

13   31. The system of claim 1, wherein the server software provides insurance

14   processing.

15   32. The system of claim 31, wherein the insurance processing includes pass-through-

16   billing.

17   33. The system of claim 31, wherein the insurance processing includes billing

18   prioritization.

19   34. The system of claim 34, wherein the insurance processing includes pass-through-

20   prescribing.

21   35. The system of claim 34, wherein the insurance processing includes claims codes.

1   36. The system of claim 1, wherein the clinical equipment provides functions selected

2   from the group consisting of testing, analysis, scanning, communication with

3   patient, and combinations thereof.

4   37. The system of claim 1, wherein the clinical equipment provides functions selected

5   from the group consisting of assessment, plan, and combinations thereof.

6   38. The system of claim 1, wherein the clinical equipment generates result codes that

7   are cross-linked by the server software with codes selected from the group

8   consisting of diagnosis codes, laboratory codes, billing codes, and combinations

9   thereof.

10   39. A template for entering and viewing electronic medical records, comprising:

11   a fast load time;

12   a capture of HCFA format;

13   an automatic importing of demographic information into corresponding

14   fields within the template;

15   a review of systems template;

16   quick addition of subtemplates into a note field within the template;

17   use of a diagnosis list in conjunction with the past medical history for a

18   given patient's electronic medical records;

19   a list of medications;

20   a list of patient vital signs and laboratory values that are electronically

21   stored within the patient's electronic medical records;

22   a pass through billing with automatic code linking;

23   a within-the-note diagnosis and a diagnosis ranking

1   a recording of above diagnosis;

2   a recording of medication changes;

3   a recording of durable medical equipment and x-ray orders;

4   cut and paste features;

5   a discharge feature for assisting with creating a hospital discharge

6   summary;

7   an interface with a universal equipment-integrating device for linking for

8   electronic communication with other office equipment and clinical testing

9   equipment, wherein all the features are viewable on a computer screen.

10   40. The template of claim 39, wherein the demographic information includes the

11   patient's name, age, sex, employment, allergies, race, and combinations thereof.

12   41. A method for using a system for providing wireless, paperless medical care to a

13   patient with real-time point-of-care testing , comprising the steps of :

14   providing a primary patient triage that includes initial encounter, which

15   provides initial encounter information that is entered into the patient's

16   electronic medical records, which are stored on a server and accessible via at

17   least one remote computer;

18   providing a secondary triage that produces secondary encounter information

19   that is entered into the patient's electronic medical records;

20   providing a clinical encounter with at least one medical care provider that

21   produces clinical encounter information, including clinical equipment test

22   results, which is entered into the patient's electronic medical records;

1   providing interpretation and management of the patient's electronic medical

2   records;

3   providing treatment plan formulation that is entered into the patient's

4   electronic medical records;

5   and providing pass-through billing and insurance processing using the electronic medical

6   records and the system, thereby providing real-time point-of-care laboratory testing, data

7   capture and entry, treatment of patients, and billing.